

**SECRET**

DPD 3399-59

11 May 1959

**MEMORANDUM FOR THE RECORD**

**SUBJECT: Trip Report to Rome Air Development Center, ARDC,  
Griffiss Air Force Base, New York, 7-8 May 1959**

25X1 1. In answer to the attached letter, the undersigned proceeded to RADC, on 7-8 May 1959, to brief the Directorate of Intelligence and Electronic Warfare on the results obtained of "W" equipment testing. I met with [REDACTED], who is fully cleared, and I was referred to the following individuals:

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[REDACTED]

The above mentioned personnel briefed the undersigned on the mission of the Directorate and how the information obtained by this staff as a result of "W" testing would be of material benefit to their mission.

2. A basic manual for interpretation of high and low altitude scan radar is being produced. Addition of our low altitude results using "W" equipment will be added after which it will be submitted to AFCIN 1A2 for approval. It is anticipated that eventually this will be used as a basic document for a handbook of radar interpreters. As newer techniques and results are obtained, such as Q-55 returns proving operational, they will be published as a supplement. In addition, Ford Instrument Corporation has a contract with ARDC to aid in the publication of this manual and to list the basic state of the art. Purpose of this is to enumerate the best techniques for integration with the interpretation manual for photo, infra-red, PPI, etc.

3. Further discussions centered about reconnaissance systems in general. It should be pointed out that RADC feels that "multi-sensor" reconnaissance is in the horizon for the near future. This means that infra-red, photo, side-looking radar, etc. and all "mutual supporting" items of equipment will be used as complete systems for reconnaissance rather than as separate and distinct reconnaissance items.

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4. The undersigned will make available to RADC all of the "W" film and logs accumulated as a result of testing at APGC, as soon as final reporting of the last phase of testing has been accomplished. Arrangements will be made to send same direct through AFXPD contacts.

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5. The undersigned also met with [REDACTED], Chief of the QRC Laboratory, same directorate, who is the Tab 6 control officer for RADC. Purpose of this meeting was to keep the contact for all of the aforementioned, in the proper channels for security, etc.

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[REDACTED]  
**DPD/AS**

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1 - DPD/RI